

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G06F 1/16, G02F 1/13, G02F1/133, H04N5/64

According to International Patent Classification (IPC) or to both national classification and IPC

Rec'd PCT/PTO 22 JUL 2004

10/502246

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F 1/16, G02F 1/13, G02F1/133, H04N5/64

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

FPD, PAJ, KIPAS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US6262785 B(Samsung Display Devices Co.,LTD)17 JULY 2001(17.07.2001) col 2 lines 60 to col 3 lines 63 ; Fig1 col 5 lines 47 to lines 65 ; Fig4 col 8 lines 34 to lines 57 ; Fig23	1
A	EP 0880049 A(LG ELECTRONICS INC)25.november 1998(25.11.1998) col 1 lines 7 to lines 23 ; Fig1 col 5 lines 4 to lines 17 ; Fig6	1
A	US5422751 A(Apple Computer, Inc.)06 JUNE 1995(06.06.1995) col 1 lines 1 to col 3 lines 18 ; Fig2, Fig3, Fig4, Fig5	1
A	KR226761 Y(Kim Si-Han)15 JUNE 2001(15.06.2001) page 2 line 13 to page 3 line 30 ; Fig2, Fig3, Fig4, Fig6, Fig9 claim 1	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "&" document member of the same patent family


Date of the actual completion of the international search

29 APRIL 2003 (29.04.2003)

Date of mailing of the international search report

30 APRIL 2003 (30.04.2003)

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR03/00153

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US6262785 B	17.07.2001	JP 11-167354 A	22.06.99
EP 0880049 A	25.11.1998	SG 66456 A	20.07.99
US5422751 A	06.06.1995	None	
KR226761 Y	15.06.2001	None	

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US5422751 A	06.06.1995	None	
KR226761 Y	15.06.2001	None	